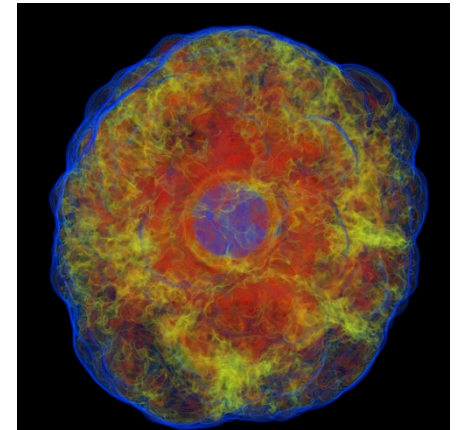
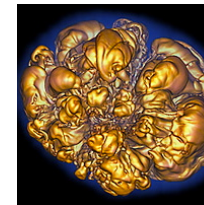
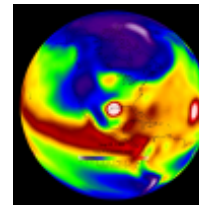
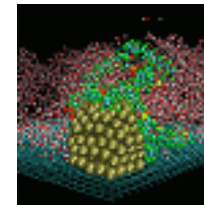
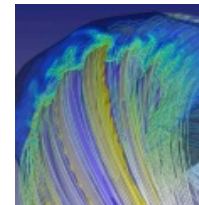
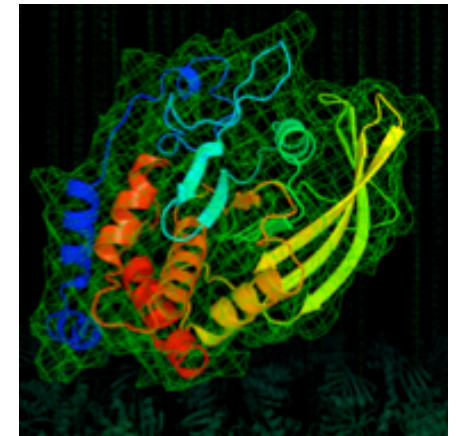
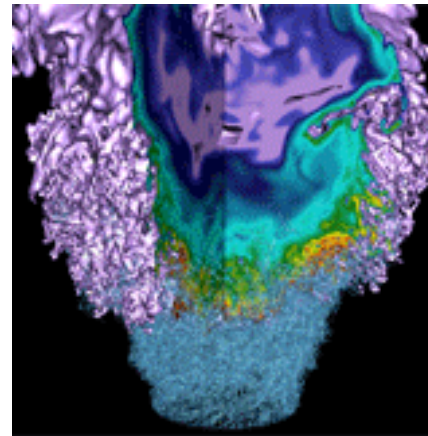


Next Steps



Richard Gerber
NERSC User Services

September 10, 2013

Explore the NERSC Web Site



- “For Users” Section
 - Documentation
 - Announcements
 - Training
 - My NERSC
 - Job Logs and Analytics
 - Help
- Live Status
 - MOTD, Outages, Job Queues
- Events

The screenshot shows the NERSC website with the 'For Users' section highlighted. The main banner features a molecular simulation of calcium carbonate with the text: 'SIMULATIONS INDICATE CALCIUM CARBONATE HAS A DENSE LIQUID PHASE. Researchers found that calcium carbonate—the ubiquitous compound that is a major component of seashells—may momentarily exist in liquid form as it crystallizes from solution. > Read More'.

COMPUTING AT NERSC

OUR SYSTEMS **GETTING STARTED** **DOCUMENTATION FOR USERS** **LIVE STATUS**

NOW COMPUTING

A small sample of massively parallel scientific computing jobs running right now at NERSC.

| PROJECT | MACHINE | CPU CORES | CPU CORE HOURS USED |
|--|---------|-----------|---------------------|
| Turbulence over complex surfaces: a wind energy perspective PI: Edward Patton, National Center for Atmospheric Research | Edison | 65,544 | 395,800.5 |
| Exploration of Hadron Structure using Lattice QCD PI: John W. Negele, Massachusetts Institute of Technology | Hopper | 24,576 | 23,438.1 |
| Quantum Chromodynamics with four flavors of dynamical quarks PI: Doug Toussaint, University of Arizona | Hopper | 24,576 | 108,293.5 |
| Dynamical Fermion Lattice Production for Hadronic and Nuclear Physics PI: Robert G. Edwards, Jefferson Lab | Edison | 12,312 | 74,283.5 |
| continuing studies of plasma based accelerators PI: Warren Mori, University of California Los Angeles | Hopper | 10,008 | 80,912.8 |
| Multiscale modeling of nanoparticle self-assembly and molecular electronics in nanocarbons | Carver | 512 | 5,784.5 |

ANNOUNCEMENTS

- New NERSC File System Coming
30 AUGUST 2013, 12:34 PM
- All Users Now Enabled on Edison Phase 2
30 AUGUST 2013, 9:38 AM
- 2014 NERSC allocation requests due September 22
13 AUGUST 2013, 3:18 PM > More Announcements

SCIENCE NEWS

- NERSC Calculations Provide Independent Confirmation of Global Land Warming Since 1901
SEPTEMBER 9, 2013
- OpenMSI: A Science Gateway to Sort Through Bio-Imaging's Big Datasets
AUGUST 27, 2013
- Computer Simulations Indicate Calcium Carbonate Has a Dense Liquid Phase
AUGUST 22, 2013 > More Science News

CENTER NEWS

- **Online**
 - <https://help.nersc.gov/>
 - Submit, update, and review trouble tickets
 - Submit quota increase forms
- **Email**
 - consult@nersc.gov
 - accounts@nersc.gov
- **Phone**
 - 1-800-666-3772 (1-800-66-NERSC)
 - Consultants 8-5 PT, 5 days/week
 - NERSC Operator: 24x7x365: Status & Passwords

- **Become active in NUG**
 - You're already a "member"
- **Monthly webinars**
 - Current NERSC topics of interest
 - Mini-tutorials
- **Yearly NUG Meetings**
 - Science talk, business meeting, training & tutorials
 - Feb. 3-6, 2014 @ Berkeley Lab
 - NERSC 40th Anniversary

We Want to Hear From You



- **We always want your feedback**
 - Write to consult@nersc.gov
 - Training suggestions to training@nersc.gov
 - You can email me directly: ragerber@nersc.gov
 - Call in to NUG monthly teleconferences
- **Let us know how we can help you!**



NERSC

National Energy Research Scientific Computing Center

Section Title

